

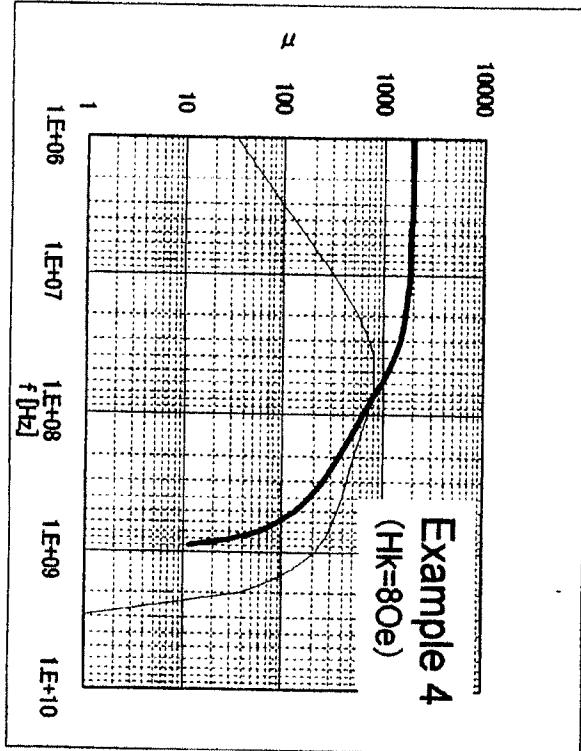
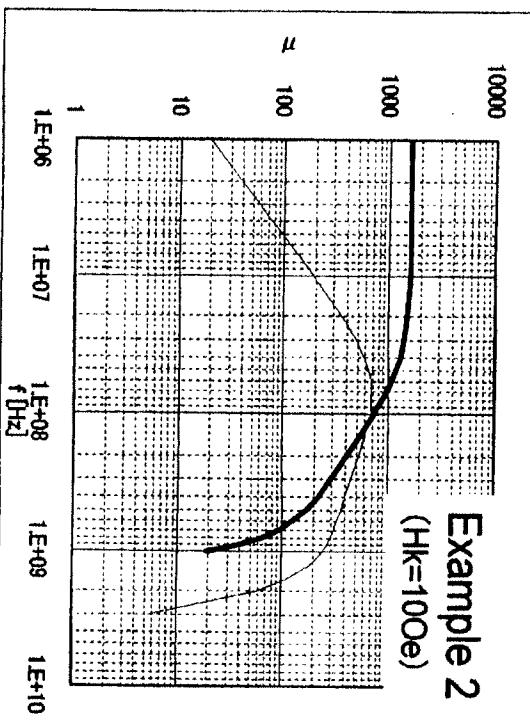
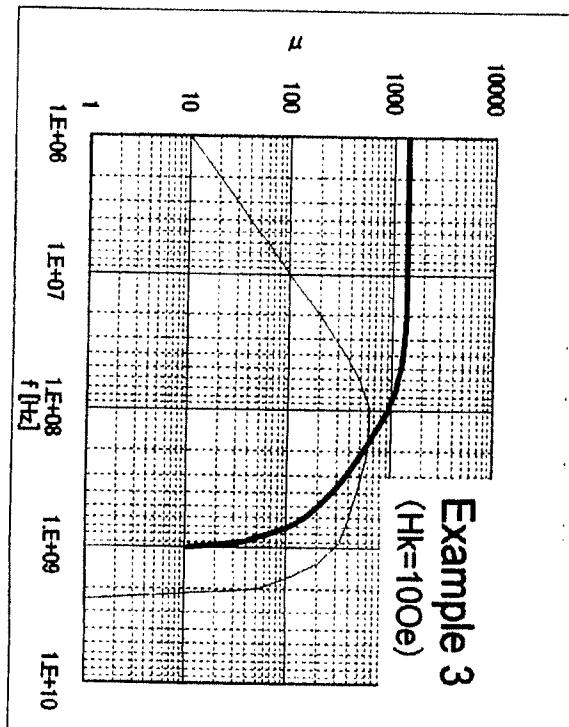
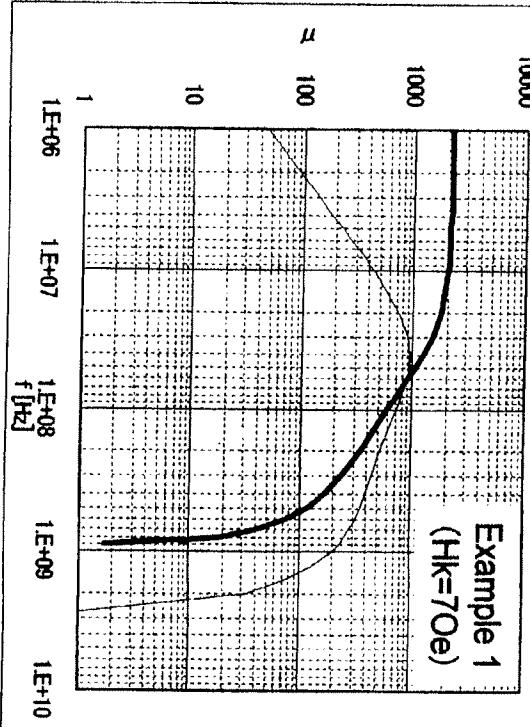
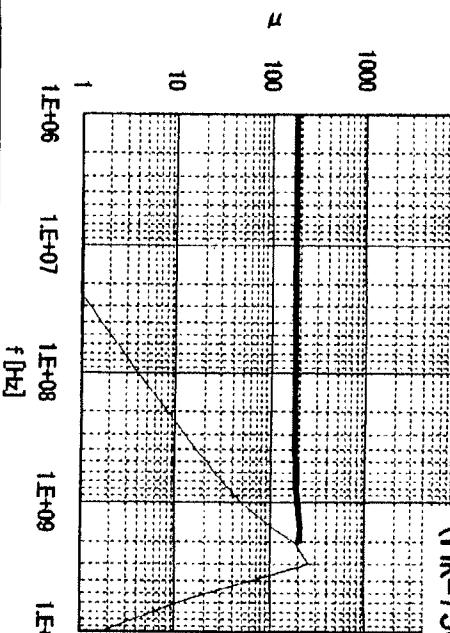
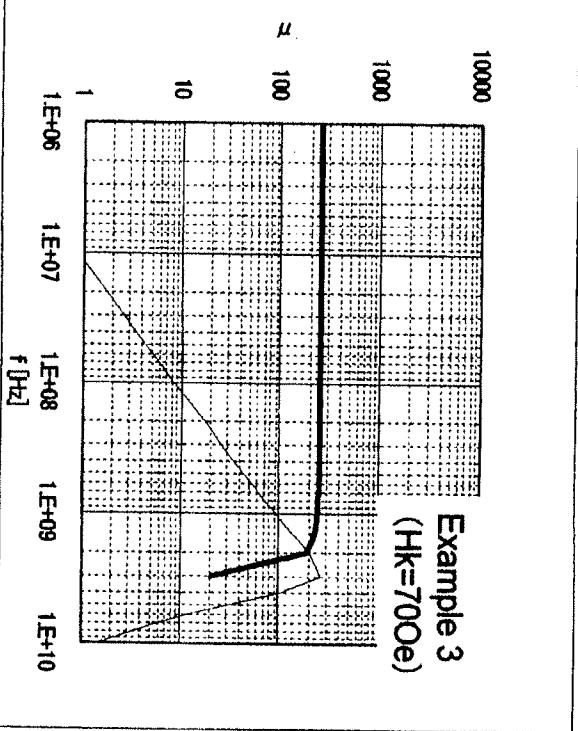
Exhibit A regarding JP02-201904-Takeshi

Exhibit B regarding the present application

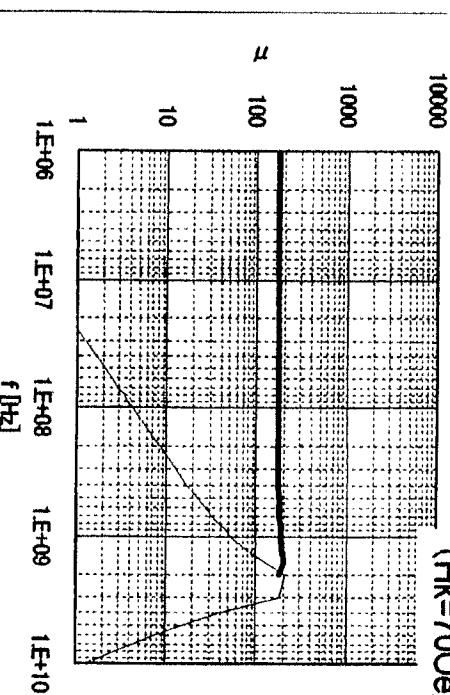
Example 1
($H_k=750e$)



Example 3
($H_k=700e$)



Example 2
($H_k=700e$)



Example 4
($H_k=750e$)

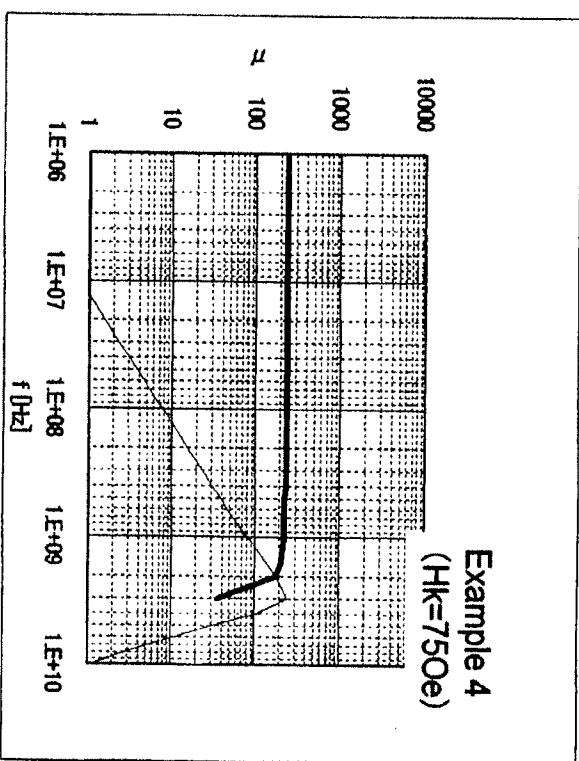


Exhibit A Condition

Item	Example 1	Example 2	Example 3	Example 4
Particle material	Fe	Fe	Fe	Fe
Particle size*	30-50nm or 10um	30-50nm or 10um	30-50nm or 10um	30-50nm or 10um
Matrix material	Polybutene	Polystyrene	Polybutene	Polystyrene
Volume content of particle	60-95 vol. %	60-95 vol. %	60-95 vol. %	60-95 vol. %
Film thickness (um)	5	5	5	5
Saturation magnetization (T)	1.5	1.6	1.4	1.5
Electrical resistivity ($\mu\Omega \text{ cm}$)	180	250	400	200
Anisotropic magnetic field (Oe)**	7	10	10	8
Permeability at 0.1 MHz	2000	2140***	1800	1600***
at 25 MHz	1000	2130***	1200	1590***
at 1GHz	-	error***	-	error***

* No data in JPO2-201904-Takeshi and estimated from FIG. 6 of the attached reference 1.

** No data in JPO2-201904-Takeshi and estimated using LLG equation.

*** Calculated using LLG equation with the parameters of film thickness, saturation magnetization, electrical resistivity and anisotropic magnetic field.

Exhibit B Condition

Item	Example 1	Example 2	Example 3	Example 4
Particle material	Co69Fe31 (at. %)	Fe	Fe	Co69Fe31 (at. %)
Particle size	7nm	7nm	10nm	9nm
Matrix material	Polyimide	Polyimide	Teflon	Teflon
Volume content of particle	80 vol. %	80 vol. %	90 vol. %	88 vol. %
Film thickness (um)	0.45	0.45	0.45	0.43
Saturation magnetization (T)	1.33	1.21	1.75	1.73
Electrical resistivity ($\mu\Omega \text{ cm}$)	260	250	110	100
Anisotropic magnetic field (Oe)	75	70	70	75
Permeability at 0.1 MHz	-	175***	-	250***
at 25 MHz	-	175***	-	250***
at 1GHz	200	195***	200	195***

*** Calculated using LLG equation with the parameters of film thickness, saturation magnetization, electrical resistivity and anisotropic magnetic field.

FIG. 6 of the attached Reference 1

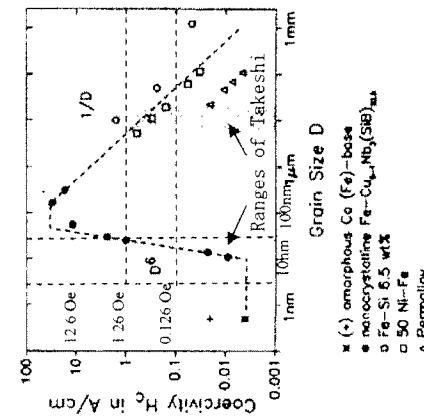


FIG. 6. Grain size and coercivity H_c for various soft magnetic metallic alloys.
(Ref G Haze, "Grain Size Dependence of Coercivity and Permeability in Nanocrystalline Ferromagnets", IEEE Trans Mag, 26(6), 1397-1402 (1990))